



18V CORDLESS CUTTING TOOL

MODEL H0599

INSTRUCTION MANUAL



COPYRIGHT © 2000 BY GRIZZLY INDUSTRIAL, INC.
1821 VALENCIA ST., BELLINGHAM, WA 98227

**WARNING: NO PORTION OF THIS MANUAL MAY BE REPRODUCED IN ANY SHAPE
OR FORM WITHOUT THE WRITTEN APPROVAL OF GRIZZLY INDUSTRIAL, INC.**

PRINTED IN CHINA



WARNING!

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemical are:

- **Lead from lead-based paints.**
- **Crystalline silica from bricks, cement and other masonry products.**
- **Arsenic and chromium from chemically-treated lumber.**

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

SAFETY

WARNING

For Your Own Safety Read Instruction Manual Before Operating This Equipment

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words which are intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures.

DANGER

Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.

WARNING

Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTICE

This symbol is used to alert the user to useful information about proper operation of the equipment.

WARNING

Safety Instructions For Power Tools

1. **KEEP ALL SAFETY DEVICES IN PLACE** and in working order.
2. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning on.
3. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
4. **DON'T USE IN DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations, or where any flammable or noxious fumes may exist. Keep work area well lighted.
5. **KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept a safe distance from work area.
6. **MAKE WORK SHOP CHILD PROOF** with padlocks, master switches, or by removing starter keys.
7. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
8. **USE RIGHT TOOL.** Don't force tool or attachment to do a job for which it was not designed.

WARNING

Safety Instructions For Power Tools

- 9. USE PROPER EXTENSION CORD** for the charger. Make sure your extension cord is in good condition. Conductor size should be in accordance with the chart below. The amperage rating should be listed on the motor or tool nameplate. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Your extension cord must also contain a ground wire and plug pin. Always repair or replace extension cords if they become damaged.

Minimum Gauge for Extension Cords

AMP RATING	LENGTH		
	25ft	50ft	100ft
0-6	18	16	16
7-10	18	16	14
11-12	16	16	14
13-16	14	12	12
17-20	12	12	10
21-30	10	10	No

- 10. WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
- 11. ALWAYS USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
- 12. SECURE WORK.** Use clamps or a vise to hold work when practical. It's safer than using your hand and frees both hands to operate tool.
- 13. DON'T OVERREACH.** Keep proper footing and balance at all times.

- 14. MAINTAIN TOOLS WITH CARE.**

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

- 15. DISCONNECT TOOLS** before servicing and changing accessories, such as blades, bits, cutters, and the like.

- 16. REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure switch is in off position before plugging in.

- 17. USE RECOMMENDED ACCESSORIES.** Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury.

- 18. CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

CAUTION

No list of safety guidelines can be complete. Every shop environment is different. Always consider safety first, as it applies to your individual working conditions. Use this and other machinery with caution and respect. Failure to do so could result in serious personal injury, damage to equipment or poor work results.

ADDITIONAL SAFETY

WARNING

1. **Read all instructions** and warnings on the battery and charger before charging the battery.
2. **Charge only using the supplied charger and battery.** Do not use with other batteries, chargers or cutting tools.
3. **Do not expose battery or charger to wet or rainy conditions.** Moisture greatly increases the risk of a shock hazard.
4. **Do not touch battery poles** with any conductive materials. Touching any two poles at the same time causes a short condition and can cause sparks or electrical shock.
5. **Do not store battery with conductive materials.** Storing the battery in a box of screws or nails can cause shorting across the battery poles.
6. **Do not throw battery in fire.** Combustion of some of the batteries' component materials can cause toxic fumes and possible explosion.
7. **If charger light fails to come on** check the incoming power supply. If power source is okay, then the fuse inside the charger needs replacement. Charger should be serviced by a qualified electrical technician only.
8. **Charger plug has a polarized plug** (one prong is wider than the other). Do not attempt to modify the plug. Modifying the plug will result in a safety hazard and will void the warranty.
9. **Charger is designed to operate at 110-120 volts.** Never try to plug into any circuit that is not 110-120 volts. Never modify or change the plug that is attached to the charger unit to attempt to plug into 220 volt. This can cause serious electrical damage to the unit, possible fire or explosion.



BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY. Consult your local Yellow Pages directory under the category "Recycling" to locate a battery recycler in your area.

INTRODUCTION

Commentary

We are proud to offer the Grizzly Model H0599 18V Cordless Cutting Tool. The Model H0599 is part of a growing Grizzly family of fine power tools. When used according to the guidelines set forth in this manual, you can expect years of trouble-free, enjoyable operation and proof of Grizzly's commitment to customer satisfaction.

The Model H0599 18V Cordless Cutting Tool is great for cutting holes in drywall or plywood sheathing. When equipped with a spiral cutter (sold separately), this tool can plunge cut like a drill and cut sideways like a jig saw. Operates at 20,000 RPM. A number of accessories for the Model H0599 are available through the Grizzly catalog.

We are pleased to provide this manual with the Model H0599. It was written to encourage safety considerations and guide you through general operating procedures and maintenance. It represents our effort to produce the best documentation possible.

CAUTION

Never leave a battery unattended while charging. While charging will make the battery and charging unit warm, if it becomes hot to the touch, disconnect the charger immediately. There is a possibility of fire hazard. Have the battery and charging unit checked by a qualified electrical service technician.

The specifications, details, and photographs in this manual represent the Model H0599 as supplied when the manual was prepared. However, owing to Grizzly's policy of continuous improvement, changes may be made at any time with no obligation on the part of Grizzly. If you have any comments regarding this manual, please write to us at the address below:

Grizzly Industrial, Inc.
c/o Technical Documentation
P.O. Box 2069
Bellingham, WA 98227-2069

Most importantly, we stand behind our tools. If you have any service questions or parts requests, please call or write us at the location listed below.

Grizzly Industrial, Inc.
2406 Reach Road
Williamsport, PA 17701
Phone: (570) 546-9663
Fax: (800) 438-5901
E-Mail: techsupport@grizzly.com
Web Site: <http://www.grizzly.com>

CAUTION

To operate this, or any power tool, safely and efficiently, it is essential to become as familiar with its characteristics as possible. The time you invest before you begin to use your Model H0599 will be time well spent. DO NOT operate this machine until you are completely familiar with the contents of this manual. Make sure you read and understand all of the safety procedures. If you do not understand something, DO NOT operate the machine.

OPERATIONS

Getting Started

First review the contents of your cordless tool kit and familiarize yourself with the key components.

Heavy-Duty Case
Cordless Cutting Tool
Depth Gauge
Open End Wrench
1 Hour Charger
1/8" and 1/4" Collets

The battery in your new cordless power tool will not be fully charged when you receive it. To maximize the storage capacity of the battery it should be completely discharged, then fully recharged 3-5 times.

For optimal life span, completely discharge the battery before recharging.

Battery charging with the 1 hour "Smart" charger (1 piece charger):

1. Plug the charger into an appropriate 110/120V outlet.
2. Insert the battery into the charger. The battery fits into the oval recess only one way. Do not force the battery. Insert until it locks into place.
3. The green light over the word "OFF" on the control panel should come on. If it doesn't, make certain the wall outlet you are plugged into is working. If the outlet power is okay, the fuse inside the charger may have blown. Fuses should be replaced by a qualified electrical technician.
4. To begin charging, press the "SET" button. A steady red light over the word "ON" should come on indicating the battery is being charged.
5. When the battery is fully charged, the red light will go off and the unit will

stop charging. Remove the battery from the charger upon completion of the charge cycle.

Inserting Battery Into cutter

1. Insert the battery into the handle of the cutter. The battery will only install in one orientation.

WARNING

Like all power tools, there is danger associated with the Model H0599. Accidents are frequently caused by lack of familiarity or failure to pay attention. Use this tool with respect and caution to lessen the possibility of operator injury. If normal safety precautions are overlooked or ignored, serious personal injury may occur.

WARNING

The Model H0599 was specifically designed for cutting and boring holes. Do not modify and/or use this machine for any other purpose. Modifications or improper use of this tool will void the warranty. If you are confused about any aspect of this machine, DO NOT use it until you have answered all your questions. Serious personal injury may occur.

OPERATIONS, CON'T

2. Make sure the securing clasps on either side of the cutter base engage with the clips on the battery compartment.

Inserting and Removing Bits

REMOVE BATTERY WHEN CHANGING BITS

1. Push the black spindle lock button on the side of the cutter and turn silver collet with fingers until the lock engages.
2. Use the supplied wrench to loosen the silver collet while continuing to push the spindle lock button.
3. Slide the desired bit into the collet as far as possible without covering the bit's cutting edge.

With the spindle lock button still pressed, tighten the collet with the supplied wrench until securely seated. Do not over tighten.

Operating the cutting tool

1. With appropriate bit in place, turn power switch on and slowly engage bit into or against the material to be cut. Do not turn power on while the bit is resting against surface to be cut.
2. If at any time during the cut the blade stalls or stops abruptly, turn power off immediately and wait for blade to come to rest before removing from material.
3. Do not make a blind cut into a wall without first determining if there are hazards behind the material to be cut. Check behind walls for wires, other electrical hazards, or plumbing.
4. Make sure to use the appropriate bit for the specified cutting task.

WARNING

The potential for injury using this device is great. Use extreme caution and care when operating, adjusting and maintaining this saw. Failure to observe safe handling practices will result in serious personal injury.

WARNING

Always remove battery from unit before changing the blade, adjusting or servicing. Failure to observe this fundamental rule will result in serious personal injury.

CAUTION

Turn the switch off and remove the battery from the Jig Saw before attempting blade installation or any adjustments. Serious injury may occur if the unit should be accidentally started while installing the blade.

WARNING

Operating this equipment has the potential for flying debris to cause eye injury. Always wear safety glasses or goggles when operating equipment. Everyday glasses or reading glasses only have impact resistant lenses, they are not safety glasses. Be certain the safety glasses you wear meet the appropriate standards of the American National Standards Institute (ANSI).

MAINTENANCE

Operating Guides and Tips

Avoid overloading the cutting tool

Always use sharpened cutting bits. Do not apply excessive pressure to the cutting tool while using. If the speed drops abnormally, decrease pressure immediately. If the bit stops abruptly or becomes blocked, release the trigger at once.

Ensure the safety of the workplace.

Clear the work area of all parts and debris that may cause injury by flying objects. Securely fix the object to be cut or fastened in a vise or otherwise clamp to avoid injury. Do not attempt to hold workpiece by hand.

Inspect the cutting tool before use. Run the cutting tool before using to ensure all parts are running smoothly and there are no abnormal sounds or sparks. If any defect is found, have unit serviced.

Know your worksite. Only cut as deep as necessary. Check behind walls for wires, other electrical hazards, or plumbing.

Maintenance

Your cordless power tool will give you hundreds of hours of operation time before ever needing service. The electrical components of this cordless cutting tool are not user serviceable. Repair should always be undertaken by a qualified electrical repair technician.

Keep the cutting tool free from dirt and grease. Always store it in a dry place, preferably in the case that is supplied.

The battery will require periodic recharging, and eventually replacement after it has exceeded its recharge life (approximately 800-1000 recharge cycles). You will notice extended charging times or shortened operation time as the battery experiences more cycles. **Battery must be recycled or disposed of properly.** Refer to the Grizzly catalog for replacement batteries.

WARNING

Disassembly and improper reassembly of this device can result in electrical shock danger. Always have this device serviced by an qualified electrical repair technician. Serious injury will result.

WARRANTY AND RETURNS

Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

To take advantage of this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Number", which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

Please feel free to write or call us if you have any questions about the machine or the manual.

Grizzly Industrial, Inc.
2406 Reach Road
Williamsport, PA 17701
Phone: (570) 546-9663
Fax: (800) 438-5901

E-Mail:
techsupport@grizzly.com

Web Site: <http://www.grizzly.com>

Thank you again for your business and continued support. We hope to serve you again soon.

NOTES

NOTES

WARRANTY CARD

Name _____
 Street _____
 City _____ State _____ Zip _____
 Phone Number _____ E-Mail _____ FAX _____

Model # H0599 18V Cordless Cutting Tool Order # _____

The following information is given on a voluntary basis. It will be used for marketing purposes to help us develop better products and services. Of course, all information is strictly confidential.

- How did you learn about us?
 _____ Advertisement _____ Friend
 _____ Catalog _____ Card Deck
 _____ World Wide Web
 _____ Other _____
- What is your annual household income?
 _____ \$20,000-\$29,999 _____ \$60,000-\$69,999
 _____ \$30,000-\$39,999 _____ \$70,000-\$79,999
 _____ \$40,000-\$49,999 _____ \$80,000-\$89,999
 _____ \$50,000-\$59,999 _____ \$90,000 +
- What is your age group?
 _____ 20-29 _____ 50-59
 _____ 30-39 _____ 60-69
 _____ 40-49 _____ 70 +
- How long have you been a woodworker?
 _____ 0 - 2 Years _____ 8 - 20 Years
 _____ 2 - 8 Years _____ 20+ Years
- How would you rank your woodworking skills?
 _____ Simple _____ Advanced
 _____ Intermediate _____ Master Craftsman
- What stationary woodworking tools do you own? Check all that apply.
 _____ Air Compressor _____ Panel Saw
 _____ Band Saw _____ Planer
 _____ Drill Press _____ Power Feeder
 _____ Drum Sander _____ Radial Arm Saw
 _____ Dust Collector _____ Shaper
 _____ Spindle Sander _____ Jointer
 _____ Table Saw _____ Lathe
 _____ Mortiser _____ Wide Belt Sander
 _____ Horiz.Boring Machine
 _____ Vacuum Veneer Press
 _____ Other _____
- How many of your woodworking machines are Grizzly? _____
- Which benchtop tools do you own? Check all that apply.
 _____ 1"x42" Belt Sander _____ 6" - 8" Grinder
 _____ 5" - 8" Drill Press _____ Mini Lathe
 _____ 8" Table Saw _____ 8" - 10" Bandsaw
 _____ Scroll Saw _____ Disc/Belt Sander
 _____ Spindle/Belt Sander _____ Mini Jointer
 _____ 10"-12" Thickness Planer
 _____ Other _____
- How many of the machines checked above are Grizzly? _____
- Which portable/hand held power tools do you own? Check all that apply.
 _____ Belt Sander _____ Orbital Sander
 _____ Biscuit Joiner _____ Palm Sander
 _____ Circular Saw _____ Portable Planer
 _____ Detail Sander _____ Saber Saw
 _____ Drill/Driver _____ Reciprocating Saw
 _____ Miter Saw _____ Router
 _____ Other _____
- What machines/supplies would you like Grizzly Industrial to carry?
 _____ 12" Table Saw _____ Radial Arm Saw
 _____ 12" Jointer _____ Panel Saw
 _____ Brass Hardware _____ Lumber
 _____ Paint & Finishing Supplies
 _____ Contractor's Supplies
 _____ Combination Planer/Jointer
 _____ Other _____
- What new accessories would you like Grizzly Industrial to carry?
 _____ Builders Hardware _____ Hand Tools
 _____ Fasteners
 _____ Wood Components
 _____ Other _____
- What other companies do you purchase your tools and supplies from?

- Do you think your purchase represents good value?
 _____ Yes _____ No
- Would you recommend Grizzly to a friend?
 _____ Yes _____ No
- Would you allow us to use your name as a reference for Grizzly customers in your area? **Note: We never use names more than three times.**
 _____ Yes _____ No
- Comments: _____

Send a Grizzly Catalog to a friend:

Name_____			
Street_____			
City_____	State_____	Zip_____	

FOLD ALONG DOTTED LINE



GRIZZLY INDUSTRIAL, INC.
P.O. BOX 2069
BELLINGHAM, WA 98227-2069

TAPE ALONG EDGES--PLEASE DO NOT STAPLE